

**Abstract**

A method of making a blood filter assembly provides first and second filter housing elements from a flexible thermoplastic material, each of the first and 5 second housing elements including a molded port. The method places a filter media between the first and second filter housing elements and applies radio frequency heating and pressure to form a peripheral seal that joins the first and second filter housing elements to the 10 filter media and encapsulates the filter media between the first and second housing elements.